

L150 Loudspeaker

Available in In-Wall and On-Wall versions.



L150 Loudspeaker

The L150 is our premier expression of the core technology and strengths of the Sage Series, designed for those customers that demand the highest level of sonic refinement and performance available in an architectural speaker. It combines our state-of-the-art transducer elements in a way that takes full advantage of their inherent performance benefits. It offers a no-compromise solution for customers that require a high-end audiophile loudspeaker that fully integrates into their home. The Sage Series L150 is an unparalleled effort and serves as a benchmark for industry leading architectural products available today.

The L150 can be used for in-wall (L150i), or on-wall (L150m) applications. These versions can also be mixed and matched for the specific needs of the installation. All enclosures are constructed entirely from aircraft grade aluminum. Slim and elegant in design, the L150m on-wall integrates easily with a variety of décors where traditional loudspeakers might otherwise intrude excessively on the room's appearance. Their clear anodized interlocking trim bezels and matte charcoal colored cabinet convey an exquisite balance of industrial design and build quality unique among consumer loudspeakers. The narrow aspect ratio L150i in-wall design becomes one with the wall, via its paintable grill and bezel, while its all aluminum chassis and integral back box enclosure ensure optimal and consistent performance regardless of mounting environment.

The L150 is the tallest line source in our Sage Series. Incorporating true line sources of this length is unprecedented among in-wall and on-wall speakers. Since true line source arrays effectively eliminate floor and ceiling reflections, they are ideal for large rooms or those with architectural challenges including cathedral or coffered ceilings, hard floors, etc. The large, 76-inch tall line source driver complement allows for high resolution, low distortion and extraordinary dynamic range. The result is highly detailed, dynamically accurate, genuinely effortless performance at any volume level.

The true line source behavior of the L150 exhibits less propagation loss than any conventional loudspeaker, resulting in a vastly enlarged "sweet spot" that is particularly beneficial in any situation with a large seating area. Whether in a media room with a casual seating arrangement or dedicated home theaters with multiple rows of seating, everyone in the audience is treated to "money seat" performance.

The L150 consists of two 76-inch tall by 8-inch wide cabinets per channel, with the woofer cabinet crossing over to the mid/high frequency planar magnetic line source cabinet at 275Hz. The mid/high frequency cabinet builds upon the planar magnetic line source array of the Sage Series' L75 model, incorporating three 24-inch PMD drivers resulting in a 72-inch true line source, yielding superior resolution, extraordinary dynamic capability, low distortion and wide dispersion.

The low frequency cabinet within the L150 incorporates twelve proprietary high operating pressure woofers. Each woofer cabinet is driven by a single SA-1 amplifier, thereby using a combined 1,000 watts from its two 500-watt amplifier channels for the 12 woofers. Each channel is a two-cabinet system designed to be installed in-wall or on-wall, adjacent to each other, within four or five inches of each other (flanking a stud in in-wall installations).

Considering the center channel handles the majority of soundtracks' vocals and dynamics, we also offer a no-compromise option to those customers who want the best performance possible from their center channel, the C150 Center Channel. The C150i (in-wall) and C150m (on-wall) models incorporate a 50-inch tall planar magnetic line source for mid and high frequencies, accompanied by two woofer arrays, each containing eight proprietary high operating pressure woofers for



China's Home
Theater Tech
Magazine
December, 2009



The Excite Award
September 10, 2008



CE Pro BEST Award
Finalist
September 10, 2009



Residential Systems
Finalist
September 10, 2009



Manufacturers'
Excellence Award
Finalist
July 21, 2009

a total of sixteen woofers. Because the C150 is a line source, it requires installation behind an acoustically transparent screen and is not able to be mounted horizontally either below or above the screen. In such installations (as in professional cinemas), having the center channel information delivered from behind the screen lends a sense of coherence and vocal localization that provides an even more engaging experience for the listener. Of course, for those who wish to do so, it is entirely possible to use the C150 for the left and right channels behind the screen, as well.

As with all Sage Series systems, the 7.3 channel SC-1 System Controller is the heart of the system. It provides the active crossover between bass and midrange/treble, system-specific EQ, as well as Audyssey™ MultEQ® XT room correction on all 17 output channels for consistent no-compromise performance in every installation.

For those customers seeking the ultimate architectural loudspeaker, the L150 is the solution. Merging the benefits of an integrated loudspeaker with the superior qualities of a true PMD line source and outstanding low frequency performance, the L150 is in a class by itself. Capable of unprecedented dynamics, low distortion, high resolution, faithful timbre reproduction, three dimensional sound staging and freedom from compression, this system should be compared with the best freestanding systems and needs to be auditioned to be fully appreciated.



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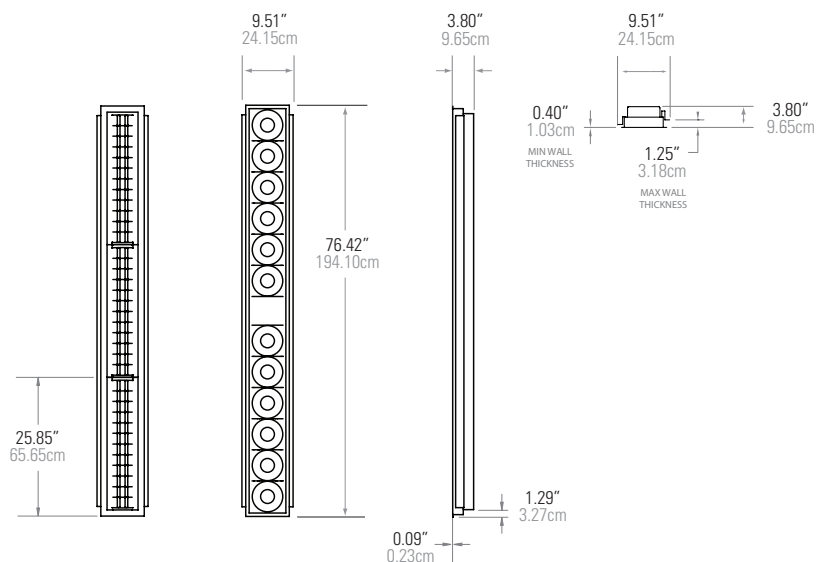
The World's Most Advanced Architectural Loudspeakers.™

L150 Specifications

All specifications are subject to change at any time, in order to improve the product.

Frequency response	30Hz – 20kHz ± 2dB relative to the target curve
Frequency response, 30° off horizontal axis	30Hz – 18kHz ± 2dB relative to the target curve
Impedance, planar section	3 ohms
Impedance, woofer section	6 ohms
Sensitivity, planar section	96 dB / 2.83 V / 1m
Sensitivity, woofer section	96 dB / 2.83 V / 1m
Shipping weight:	
Bass section	90 lbs. (41 kg)
Planar section	53 lbs. (24 kg)

L150i, In-wall



L150m, On-wall

